## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits   | Search Query                                                             | DBs                                                            | Default<br>Operator | Plurals | Time Stamp          |
|------|--------|--------------------------------------------------------------------------|----------------------------------------------------------------|---------------------|---------|---------------------|
| L1   | 2498   | (akiyama-koji\$<br>yamauchi-masaki\$ aoki-<br>takashi\$ aoto-koji\$).in. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/09/21<br>10:12 |
| L2   | 65     | L1 and aging                                                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/09/21<br>10:12 |
| L6   | 11     | 2 and (scan and sustain).<br>clm.                                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/09/21<br>10:15 |
| L7   | 862180 | mitsubishi.as.                                                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/09/21<br>10:16 |
| L8   | 0      | L7 and (aging and scan<br>and sustain).clm.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/09/21<br>10:16 |
| S57  | 2469   | (akiyama-koji\$<br>yamauchi-masaki\$ aoki-<br>takashi\$ aoto-koji\$).in. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/03/30<br>09:19 |
| S58  | 854110 | mitsubishi.as.                                                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/03/30<br>09:19 |
| S59  | 33     | S57 and S58                                                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/03/30<br>09:19 |
| S60  | 65     | S57 and aging                                                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/03/30<br>09:19 |

| S61 | 5       | ("20020008680"  <br>"20030030377"  <br>"6376995"   "6666738"  <br>"6924795").PN. | US-PGPUB;<br>USPAT; USOCR                            | OR | OFF | 2009/03/30<br>09:19 |
|-----|---------|----------------------------------------------------------------------------------|------------------------------------------------------|----|-----|---------------------|
| S62 | 2591    | 345/60.ccls.                                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S63 | 997     | 345/77-79.ccls.                                                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S64 | 1924    | 345/690.ccls.                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S65 | 563     | 345/214.ccls.                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S66 | 120     | 345/215.ccls.                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S67 | 4232946 | highe\$2 bigg\$2 exceed<br>\$2 exceed\$3                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S68 | 645520  | S67 with (voltage pulse signal)                                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S69 | 437409  | S67 near4 (voltage pulse signal)                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S70 | 1060    | S69 and S62                                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S71 | 1028    | S70 and plasma                                                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S72 | 746     | S71 and sustain and scan                                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S73 | 746     | S72 and (column data address)                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |

| S74 | 662 | S73 and (erase \$erase reset)                                                                                                                                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----|-----|---------------------|
| S75 | 78  | S74 and (aging stabilizing preparing)                                                                                                                                                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S76 | 5   | ("20020008680"  <br>"20030030377"  <br>"6376995"   "6666738"  <br>"6924795").PN. OR<br>("7338337").URPN.                                                                                                                  | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/03/30<br>09:19 |
| S77 | 152 | aging and (S62 S63 S64<br>S65 S66)                                                                                                                                                                                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S78 | 36  | ("3666981"   "4613854"<br>  "4728864"   "4924218"<br>  "5446344"   "5519520"<br>  "5745086"   "5825128"<br>  "5852347"   "5877734"<br>  "5889501"   "6034482"<br>  "6037916"  <br>"Re31231").PN. OR<br>("61848488").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/03/30<br>09:19 |
| S79 | 278 | self-erase (self adj<br>erase)                                                                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S80 | 59  | (reduc\$3 decreas\$3<br>cancel\$3 avoid\$3) with<br>S79                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S81 | 12  | (JP-2002075206-a JP-<br>2000148083-a JP-<br>2002075208-a JP-<br>2004241365-a JP-<br>2004363008-a JP-<br>2002231141-a).did.                                                                                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S82 | 2   | wo-2004075235-\$.did.                                                                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S83 | 14  | S81 S82                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |

| S84 | 37 | (US-20060284795-\$ or US-20030030377-\$ or US-20020008680-\$ or US-20080111802-\$ or US-20050168404-\$ or US-20050156821-\$ or US-20040257304-\$ or US-20040227701-\$ or US-20030107532-\$ or US-20030107532-\$ or US-20050057446-\$).did. or (US-7338337-\$ or US-6924795-\$ or US-6666738-\$ or US-7375703-\$ or US-7355566-\$ or US-7355566-\$ or US-7386102-\$ or US-7386102-\$ or US-7380166-\$ or US-7380166-\$ or US-7380166-\$ or US-7274344-\$ or US-7268749-\$ or US-7268749-\$ or US-7215303-\$ or US-7215303-\$ or US-6326736-\$ or US-6326736-\$ or US-6326736-\$ or US-6326736-\$ or US-6326736-\$ or US-6404411-\$ or US-6243084-\$).did. or (WO-2004075235-\$).did. or (WO-2004075235-\$).did. | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                  | OR | OFF | 2009/03/30          |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----|-----|---------------------|
| S85 | 10 | S84 and aging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S86 | 2  | jp-2003041125-a.did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S87 | 16 | ("3213515"   "3492598"<br>  "3743879"   "4849674"<br>  "5207607"   "5564958"<br>  "6006003"  <br>"6236159").PN. OR<br>("6666738").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                            | OR | OFF | 2009/03/30<br>09:19 |

| S88 | 8       | ("3687513"   "4818913"<br>  "6533630"   "6666738"<br>  "6707250"  <br>"6821174").PN. OR<br>("6975286").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | OFF | 2009/03/30<br>09:19 |
|-----|---------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----|-----|---------------------|
| S89 | 10      | S84 and aging                                                                                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S90 | 1331919 | "23" and power                                                                                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S91 | 2591    | 345/60.ccls.                                                                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S92 | 997     | 345/77-79.ccls.                                                                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S93 | 1924    | 345/690.ccls.                                                                                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S94 | 563     | 345/214.ccls.                                                                                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S95 | 120     | 345/215.ccls.                                                                                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S96 | 152     | aging and (S91 S92 S93<br>S94 S95)                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S97 | 118     | S96 and power                                                                                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S98 | 30      | aging.ab. and (S91 S92<br>S93 S94 S95)                                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S99 | 80      | S96 and (image near4<br>display)                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |

| S100 | 3     | S96 and (image near4<br>display near4 aging)                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
|------|-------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----|-----|---------------------|
| S101 | 6     | (jp-2002075206-a jp-<br>2000148083-a jp-<br>2002075208<br>jp2004241365-a jp-<br>2004363008 wo-<br>2004075235-a1).did. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S102 | 54    | (hasegawa-kazuyuki<br>sugimoto-kazuhiko yasui-<br>hideaki).in. and aging                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S103 | 35    | S102 and matsushita.as.                                                                                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S104 | 52403 | aging.ab.                                                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S105 | 382   | (aging and plasma and display).ab.                                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S106 | 1     | S105 and self-erase                                                                                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S107 | 1     | S105 and (self\$1erase<br>self adj erase)                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/03/30<br>09:19 |
| S108 | 3     | ("20020146959"  <br>"4083614"   "6479944").<br>PN.                                                                    | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/03/30<br>09:19 |
| S109 | 91    | (scan near4 (short\$2<br>long\$2)) with (sustain<br>near4 (short\$2 long\$2))                                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:19 |
| S110 | 148   | S79 and plasma                                                                                                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:22 |
| S111 | 2376  | self-eras\$3 self-erasure<br>((selective self) adj (eras<br>\$3 erasure))                                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>09:48 |

| S112 | 887     | S111 and plasma                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/03/30<br>09:48 |
|------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S113 | 113     | (reduc\$3 decreas\$3<br>cancel\$3 supress\$3)<br>near4 S111                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/03/30<br>09:49 |
| S114 | 59      | S113 and plasma                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/03/30<br>09:49 |
| S115 | 3       | S113 and aging                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/03/30<br>09:50 |
| S116 | 2060911 | first same second same<br>(period field frame<br>portion duration)                                                                                                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>10:39 |
| S117 | 16      | S105 and S116                                                                                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>10:40 |
| S118 | 12      | ("20020008680"  <br>"20030030377"  <br>"20030141815"  <br>"20030193453"  <br>"20050012691"  <br>"20060082522"  <br>"6376995"   "6483487"  <br>"6633268"   "6666738"  <br>"6731275"   "6768479").<br>PN. | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/03/30<br>10:52 |
| S119 | 3       | S118 and aging                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/03/30<br>10:53 |
| S120 | 1       | pct/jp04/08832.pct.                                                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>11:02 |
| S121 | 2591    | 345/60.ccls.                                                                                                                                                                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>11:13 |
| S122 | 3145    | 445/24.ccls.                                                                                                                                                                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>11:13 |

| S123 | 95     | 313/514.ccls.                                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>11:13 |
|------|--------|--------------------------------------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S124 | 5811   | S121 S122 S123                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>11:13 |
| S125 | 136    | S124 and aging                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/03/30<br>11:13 |
| S126 | 3      | ("20050162085"  <br>"20050215159"  <br>"20060166585").PN.                | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/03/30<br>12:26 |
| S127 | 2      | JP-2002231141-a\$.did.                                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>12:28 |
| S128 | 2      | 10/510984.app.                                                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>12:34 |
| S129 | 2      | JP-07226162-a\$.did.                                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>12:55 |
| S130 | 0      | JP-009251841-a\$.did.                                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>12:57 |
| S131 | 2      | JP-09251841-a\$.did.                                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>12:57 |
| S132 | 2498   | (akiyama-koji\$<br>yamauchi-masaki\$ aoki-<br>takashi\$ aoto-koji\$).in. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |
| S133 | 862180 | mitsubishi.as.                                                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |

| S134 | 33      | S132 and S133                                                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
|------|---------|----------------------------------------------------------------------------------|----------------------------------------------------------------|----|-----|---------------------|
| S135 | 65      | S132 and aging                                                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S136 | 5       | ("20020008680"  <br>"20030030377"  <br>"6376995"   "6666738"  <br>"6924795").PN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/09/17<br>12:09 |
| S137 | 2784    | 345/60.ccls.                                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S138 | 1068    | 345/77-79.ccls.                                                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S139 | 2140    | 345/690.ccls.                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S140 | 661     | 345/214.ccls.                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S141 | 126     | 345/215.ccls.                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S142 | 4392713 | highe\$2 bigg\$2 exceed<br>\$2 exceed\$3                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S143 | 669746  | S142 with (voltage pulse signal)                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S144 | 454178  | S142 near4 (voltage<br>pulse signal)                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S145 | 1163    | S144 and S137                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |

| S146 | 1131 | S145 and plasma                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----|-----|---------------------|
| S147 | 842  | S146 and sustain and scan                                                                                                                                                                                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S148 | 842  | S147 and (column data address)                                                                                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S149 | 5    | ("20020008680"  <br>"20030030377"  <br>"6376995"   "6666738"  <br>"6924795").PN. OR<br>("7338337").URPN.                                                                                                                 | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/09/17<br>12:09 |
| S150 | 163  | aging and (S137 S138<br>S139 S140 S141)                                                                                                                                                                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S151 | 39   | ("3666981"   "4613854"<br>  "4728864"   "4924218"<br>  "5446344"   "5519520"<br>  "5745086"   "5825128"<br>  "5852347"   "5877734"<br>  "5889501"   "6034482"<br>  "6037916"  <br>"Re31231").PN. OR<br>("6184848").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/09/17<br>12:09 |
| S152 | 290  | self-erase (self adj<br>erase)                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S153 | 63   | (reduc\$3 decreas\$3<br>cancel\$3 avoid\$3) with<br>S152                                                                                                                                                                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S154 | 12   | (JP-2002075206-a JP-<br>2000148083-a JP-<br>2002075208-a JP-<br>2004241365-a JP-<br>2004363008-a JP-<br>2002231141-a).did.                                                                                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S155 | 2    | wo-2004075235-\$.did.                                                                                                                                                                                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |

| S156 | 14 | S154 S155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----|-----|---------------------|
| S157 | 37 | (US-20060284795-\$ or US-20030030377-\$ or US-20020008680-\$ or US-20080111802-\$ or US-20080156821-\$ or US-20040257304-\$ or US-20040257304-\$ or US-20040227701-\$ or US-20030107532-\$ or US-20030107532-\$ or US-20050057446-\$).did. or (US-7338337-\$ or US-6924795-\$ or US-6666738-\$ or US-7355566-\$ or US-7355566-\$ or US-7355566-\$ or US-736995-\$ or US-736995-\$ or US-736995-\$ or US-736995-\$ or US-73666-\$ or US-73666-\$ or US-7366744-\$ or US-73674344-\$ or US-7368749-\$ or US-7268749-\$ or US-7215303-\$ or US-7215303-\$ or US-7215303-\$ or US-7215303-\$ or US-6900598-\$ or US-6326736-\$ or US-6411268-\$ or US-7423616-\$ or US-6411268-\$ or US-641141-\$ or US | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                            | OR | OFF | 2009/09/17          |
| S158 | 10 | S157 and aging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S159 | 2  | jp-2003041125-a.did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |

| S160 | 16      | ("3213515"   "3492598"<br>  "3743879"   "4849674"<br>  "5207607"   "5564958"<br>  "6006003"  <br>"6236159").PN. OR<br>("6666738").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | OFF | 2009/09/17<br>12:09 |
|------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----|-----|---------------------|
| S161 | 8       | ("3687513"   "4818913"<br>  "6533630"   "6666738"<br>  "6707250"  <br>"6821174").PN. OR<br>("6975286").URPN.                            | US-PGPUB;<br>USPAT; USOCR                            | OR | OFF | 2009/09/17<br>12:09 |
| S162 | 10      | S157 and aging                                                                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S163 | 1388515 | "23" and power                                                                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S164 | 2784    | 345/60.ccls.                                                                                                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S165 | 1068    | 345/77-79.ccls.                                                                                                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S166 | 2140    | 345/690.ccls.                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S167 | 661     | 345/214.ccls.                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S168 | 126     | 345/215.ccls.                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S169 | 163     | aging and (S164 S165<br>S166 S167 S168)                                                                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S170 | 129     | S169 and power                                                                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S171 | 30      | aging.ab. and (S164<br>S165 S166 S167 S168)                                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |

| S172 | 89    | S169 and (image near4<br>display)                                                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
|------|-------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----|-----|---------------------|
| S173 | 3     | S169 and (image near4<br>display near4 aging)                                                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S174 | 6     | (jp-2002075206-a jp-<br>2000148083-a jp-<br>2002075208<br>jp2004241365-a jp-<br>2004363008 wo-<br>2004075235-a1).did. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S175 | 58    | (hasegawa-kazuyuki<br>sugimoto-kazuhiko yasui-<br>hideaki).in. and aging                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S176 | 35    | S175 and matsushita.as.                                                                                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S177 | 55456 | aging.ab.                                                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S178 | 394   | (aging and plasma and display).ab.                                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S179 | 1     | S178 and self-erase                                                                                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S180 | 1     | S178 and (self\$1erase<br>self adj erase)                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB           | OR | OFF | 2009/09/17<br>12:09 |
| S181 | 3     | ("20020146959"  <br>"4083614"   "6479944").<br>PN.                                                                    | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/09/17<br>12:09 |
| S182 | 101   | (scan near4 (short\$2<br>long\$2)) with (sustain<br>near4 (short\$2 long\$2))                                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S183 | 155   | S152 and plasma                                                                                                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |

| S184 | 2451    | self-eras\$3 self-erasure<br>((selective self) adj (eras<br>\$3 erasure))                                                                                                                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |
|------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S185 | 925     | S184 and plasma                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |
| S186 | 119     | (reduc\$3 decreas\$3<br>cancel\$3 supress\$3)<br>near4 S184                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |
| S187 | 64      | S186 and plasma                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |
| S188 | 3       | S186 and aging                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:09 |
| S189 | 2144769 | first same second same<br>(period field frame<br>portion duration)                                                                                                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
| S190 | 16      | S178 and S189                                                                                                                                                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
| S191 | 12      | ("20020008680"  <br>"20030030377"  <br>"20030141815"  <br>"20030193453"  <br>"20050012691"  <br>"20060082522"  <br>"6376995"   "6483487"  <br>"6633268"   "6666738"  <br>"6731275"   "6768479").<br>PN. | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/09/17<br>12:09 |
| S192 | 3       | S191 and aging                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/09/17<br>12:09 |
| S193 | 1       | pct/jp04/08832.pct.                                                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |

| S194 | 2784 | 345/60.ccls.                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
|------|------|-----------------------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S195 | 3289 | 445/24.ccls.                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
| S196 | 95   | 313/514.cdls.                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
| S197 | 6148 | S194 S195 S196                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
| S198 | 142  | S197 and aging                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/17<br>12:09 |
| S199 | 3    | ("20050162085"  <br>"20050215159"  <br>"20060166585").PN. | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/09/17<br>12:09 |
| S200 | 2    | JP-2002231141-a\$.did.                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S201 | 2    | 10/510984.app.                                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S202 | 2    | JP-07226162-a\$.did.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S203 | 0    | JP-009251841-a\$.did.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |
| S204 | 2    | JP-09251841-a\$.did.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:09 |

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|-----------------------------------------|----|----------------------------------------|-----------------------------------------|----|-----------------------------------------|------------|
| S205                                    | 59 |                                        | US-PGPUB;                               | OR | OFF                                     | 2009/09/17 |
|                                         |    | US-20030030377-\$ or                   | USPAT; EPO;                             |    |                                         | 12:31      |
|                                         |    | US-20020008680-\$ or                   | JPO; DERWENT                            |    |                                         |            |
|                                         |    | US-20080111802-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20080048941-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050168404-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050156821-\$ or                   |                                         |    |                                         |            |
|                                         |    |                                        |                                         |    |                                         |            |
|                                         |    | US-20040257304-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20040227701-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20030222835-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20030107532-\$ or                   |                                         |    | Ì                                       |            |
|                                         |    | US-20060077130-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050057446-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20030142045-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20040070575-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20070109223-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20020140349-\$ or                   |                                         |    |                                         |            |
|                                         |    | 4                                      |                                         |    |                                         |            |
|                                         |    | US-20020195963-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20030174102-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050162348-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050264479-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20060166585-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050001793-\$ or                   |                                         |    |                                         |            |
|                                         |    | US-20050215159-\$).did.                |                                         |    |                                         |            |
|                                         |    | or (US-7338337-\$ or US-               |                                         |    |                                         |            |
|                                         |    | 6924795-\$ or US-                      |                                         |    | Ì                                       |            |
|                                         |    | 6666738-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6376995-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7375703-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7355566-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 2                                      |                                         |    |                                         |            |
|                                         |    | 7286102-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6369781-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7330166-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7274344-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7268749-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7215303-\$ or US-                      |                                         |    | Ì                                       |            |
|                                         |    | 6900598-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6853144-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6326736-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6411268-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7423616-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6714175-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 2                                      |                                         |    |                                         |            |
|                                         |    | 6404411-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6243084-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7303456-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 3687513-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7088317-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6975286-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 7173374-\$ or US-                      |                                         |    |                                         |            |
|                                         |    | 6614413-\$).did. or (US-               |                                         |    |                                         |            |
|                                         |    | 7209098-\$).did. or (WO-               |                                         |    |                                         |            |
|                                         |    | 2004075235-\$).did. or                 |                                         |    |                                         |            |
|                                         |    |                                        |                                         |    |                                         |            |
|                                         |    | (JP-2003317625-\$ or JP-               |                                         |    |                                         |            |
|                                         |    | 2003308781-\$ or JP-                   |                                         |    |                                         |            |
|                                         |    | 2002231141-\$ or JP-                   |                                         |    |                                         |            |
|                                         | 3  | 09251841-\$).did. or                   |                                         |    |                                         |            |
|                                         |    | (WO-2004075235-\$ or                   |                                         |    |                                         |            |
| 1                                       |    | :                                      | }                                       | •  | 1                                       | 1          |

|      |        | JP-2002231141-\$ or EP-<br>1528531-\$).did.                                                    |                                                                      |    |     |                     |
|------|--------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S206 | 24     | S205 and aging                                                                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:31 |
| S207 | 977    | aging with plasma                                                                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:40 |
| S208 | 432    | S207 and (plasma with display)                                                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:40 |
| S209 | 3      | S208 and S184                                                                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:40 |
| S210 | 249007 | self-eras\$3 self-erasure<br>((selective self) adj (eras<br>\$3 erasure)) (eras\$3<br>erasure) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>12:45 |
| S211 | 23     | S208 and S210                                                                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:45 |
| S212 | 20     | S211 not S209                                                                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:45 |
| S213 | 2      | 10/517065                                                                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>12:56 |
| S214 | 3      | ("20050162085"  <br>"20050215159"  <br>"20060166585").PN.                                      | US-PGPUB;<br>USPAT; USOCR                                            | OR | OFF | 2009/09/17<br>12:56 |
| S215 | 2      | JP-2004273441-\$.did.                                                                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:09 |

| S216 | 0       | S205 and burn\$1in                                                                                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:28 |
|------|---------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S217 | 140     | burn\$1in with plasma                                                                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:28 |
| S218 | 1649    | (burn\$1in burning (burn<br>adj in)) with plasma                                                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:29 |
| S219 | 283     | S218 and (plasma with display)                                                                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:29 |
| S220 | 15      | \$219 and \$210                                                                                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:30 |
| S221 | 13      | S220 not S212                                                                                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:30 |
| S222 | 519     | 445/6.ccls.                                                                                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:36 |
| S223 | 18      | S222 and S210                                                                                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:36 |
| S224 | 1522193 | self-eras\$3 self-erasure<br>((selective self) adj (eras<br>\$3 erasure)) (eras\$3<br>erasure) suppress\$3 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/09/17<br>13:38 |
| S225 | 65      | S219 and S224                                                                                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:39 |

| S226 | 52 | S225 not S221                                | US-PGPUB; OR USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB          |    | OFF | 2009/09/17<br>13:39 |
|------|----|----------------------------------------------|----------------------------------------------------------------------|----|-----|---------------------|
| S227 | 95 | S222 and S224                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:43 |
| S228 | 77 | S227 not S223                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:43 |
| S229 | 2  | S228 and scan and address and sustain        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:44 |
| S230 | 42 | S228 and (scan<br>scanning)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:44 |
| S231 | 2  | S230 and (sustain<br>sustaining)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:45 |
| S232 | 42 | S230 and (address<br>addressing source data) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/17<br>13:45 |

## **EAST Search History (Interference)**

| Ref# | Hits  | Search Query                                                             | DBs         | Default Operator | Plurals | Time Stamp       |
|------|-------|--------------------------------------------------------------------------|-------------|------------------|---------|------------------|
| L3   | 267   | (akiyama-koji\$<br>yamauchi-masaki\$ aoki-<br>takashi\$ aoto-koji\$).in. | USPAT; UPAD | OR               | OFF     | 2009/09/21 10:13 |
| L4   | 36129 | mitsubishi.as.                                                           | USPAT; UPAD | OR               | OFF     | 2009/09/21 10:13 |
| L9   | 1500  | 345/76.ccls.                                                             | USPAT; UPAD | OR               | OFF     | 2009/09/21 10:16 |
| S233 | 276   | 445/6.ccls.                                                              | USPAT; UPAD | OR               | OFF     | 2009/09/17 13:47 |
| S234 | 1900  | 445/24.ccls.                                                             | USPAT; UPAD | OR               | OFF     | 2009/09/17 13:47 |
| S235 | 1361  | 345/60.ccls.                                                             | USPAT; UPAD | OR               | OFF     | 2009/09/17 13:47 |
| S236 | 77    | 313/514.ccls.                                                            | USPAT; UPAD | OR               | OFF     | 2009/09/17 13:47 |
| S237 | 755   | 345/77-79.ccls.                                                          | USPAT; UPAD | OR               | OFF     | 2009/09/17 13:47 |
| S238 | 1480  | 345/690.ccls.                                                            | USPAT; UPAD | OR               | OFF     | 2009/09/17 13:47 |

| S239 | 456    | 345/214.ccls.                                                                                              | USPAT; UPAD | OR | OFF | 2009/09/17 13:47 |
|------|--------|------------------------------------------------------------------------------------------------------------|-------------|----|-----|------------------|
| S240 | 114    | 345/215.ccls.                                                                                              | USPAT; UPAD | OR | OFF | 2009/09/17 13:47 |
| S241 | 424225 | self-eras\$3 self-erasure<br>((selective self) adj<br>(eras\$3 erasure)) (eras<br>\$3 erasure) suppress\$3 | USPAT; UPAD | OR | OFF | 2009/09/17 13:48 |
| S242 | 682    | (burn\$1in burning<br>(burn adj in)) with<br>plasma                                                        | USPAT; UPAD | OR | OFF | 2009/09/17 13:48 |
| S243 | 6      | (S233 S234 S235 S236<br>S237 S238 S239 S240)<br>and S241 and S242                                          | USPAT; UPAD | OR | OFF | 2009/09/17 13:48 |
| S244 | 59     | (S233 S234 S235 S236<br>S237 S238 S239 S240)<br>and S241 and (S242<br>aging aged)                          | USPAT; UPAD | OR | OFF | 2009/09/17 13:49 |

9/21/2009 10:17:09 AM

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